



STATE OF DELAWARE  
DEPARTMENT OF NATURAL RESOURCES  
& ENVIRONMENTAL CONTROL  
DIVISION OF AIR QUALITY  
655 S. Bay Road, Suite 5N  
DOVER, DELAWARE 19901

Telephone: (302) 739 - 9402  
Fax No.: (302) 739 - 3106

October 17, 2014

Associate Director  
Office of Permits and Air Toxics (**3AP10**)  
United States Environmental Protection Agency  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

ATTENTION: Brian Rehn  
Associate Director

RECEIVED

10/21/14  
Collection Division  
10/21/14

Dear Mr. Rehn:

Enclosed is a "Final" federally enforceable amendment for Mountaire Farms of Delaware, Inc. having a facility at 29106 John J. Williams Highway, in Millsboro, Delaware. This amendment was advertised on August 11, 2013 for thirty (30) days. A public hearing was held on October 16, 2013. The permit did not change from its "Draft" form. EPA reviewed the "Proposed" amendments for forty-five days, ending on September 1, 2014. EPA did not comment.

Sincerely,

A handwritten signature in blue ink that reads "Joanna L. French".

Joanna L. French, P.E.  
Managing Engineer  
Engineering & Compliance Branch

PEF:JLF:MAS  
F:\EngAndCompliance\MAS\mas14027.doc

pc: Dover Title V File  
Paul Foster  
Melanie Smith  
Cathleen Van Osten – EPA Region III

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October 17, 2014

**Permit: APC-2011/0080-OPERATION (Amendment 3)(FE)**  
**Permit: APC-2011/0081-OPERATION (Amendment 3)(FE)**  
**Permit: APC-2011/0082-OPERATION (Amendment 4)(FE)**  
**Permit: APC-2011/0083-OPERATION (Amendment 4)(FE)**  
**Permit: APC-2011/0084-OPERATION (Amendment 4)(FE)**  
**Permit: APC-2011/0085-OPERATION (Amendment 4)(FE)**

Mountaire Farms of Delaware, Inc.  
Resource Recovery Plant  
Millsboro Complex  
P.O. Box 1320  
Millsboro, DE 19966

ATTENTION: Ms. Beth Sise  
Environmental Manager

Dear Ms. Sise:

Pursuant to the 7 **DE Admin. Code** 1102 Section 2 and Section 11, approval by the Department of Natural Resources and Environmental Control is hereby granted for the operation of Emission Unit (EU) 80, EU 81, and EU 82, all Haarslev, Inc. Model AS-100 scrubbers, EU 83, Haarslev, Inc. Model AS-40 scrubber, and EU 84 and EU 85, Haarslev, Inc. Model TRO-25 thermal oxidizers, each rated 1.7 MMBTU/hr and fired on natural gas, located at the Millsboro Complex facility in Millsboro, Delaware, in accordance with the application submitted on Form Nos. AQM-1, AQM-2, AQM-3.1, AQM-4.1, AQM-4.4, AQM-5, AQM-1001, AQM-1001B, AQM-1001K, AQM-1001N, AQM-1001V, AQM-1001W, AQM-1001X, AQM-1001Y, AQM-1001BB, process flow diagram, and emission calculation sheets dated February 18, 2011 signed by Paul Downes, President, and email dated February 25, 2011 signed by Brian Lyncha, P.E., BCEE, CABE Associates, Inc., and February 28, 2011 signed by Ed Robles, CABE Associates, Inc., emails dated May 9, 2011, June 6, 2011, June 20, 2011, and June 22, 2011 signed by Brian Lyncha, CABE Associates, Inc., letter dated July 19, 2011 signed by John Wren, Director of Engineering & Environmental Services, letter dated December 2, 2011 and email dated December 23, 2011 both signed by Beth Sise, Environmental Manager, emails dated December 28, 2011 and February 3, 2012 both signed by Joanna French, Managing Engineer, email dated March 16, 2012 signed by Beth Sise, email dated March 22, 2012 signed by John Wren, BACT Analysis dated November 9, 2012 signed by Beth Sise, letter dated December 14, 2012 signed by Beth Sise, stack test review meeting notes dated February 27, 2013, letter dated February 28, 2013 signed by Beth Sise, letter dated May 8, 2013 signed by Beth Sise, and Secretary's Order No. 2014-A-0011 dated July 15, 2014.

This permit is issued subject to the following conditions all of which are federally enforceable except Condition 6.1.2 and 2.3:

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**1. General Provisions**

- 1.1 Upon presentation of identification, the Company shall authorize officials of the Department to:
- 1.1.1 Enter upon the Company's premises where a source is located or an emissions-related activity is conducted, or where records that must be kept under the terms and conditions of this permit are located. **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.3.2.1 dated 12/11/00]
  - 1.1.2 Have access to and copy, at reasonable times, any record(s) that must be kept under the terms and conditions of this permit. **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.3.2.2 dated 12/11/00]
  - 1.1.3 Inspect, at reasonable times, any record(s) that must be kept under the terms and conditions of this permit. **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.3.2.3 dated 12/11/00]
  - 1.1.4 Sample or monitor, at reasonable times, any substance or parameter for the purposes of assuring compliance with this permit or any applicable requirement. **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.3.2.4 dated 12/11/00]
- 1.2 This permit may not be transferred to another location or to another piece of equipment or process. [Reference 7 DE Admin. Code 1102 Section 7.1 dated 6/1/97]
- 1.3 This permit may not be transferred to another person, owner, or operator unless the transfer has been approved in advance by the Department. Approval (or disapproval) of the permit transfer will be provided by the Department in writing. A request for a permit transfer shall be received by the Department at least thirty (30) days before the date of the requested permit transfer. This request shall include: [Reference 7 DE Admin. Code 1102 Section 7.1 dated 6/1/97 and 7 Del. C., Chapter 79]
- 1.3.1 Signed letters from each person stating the permit transfer is agreeable to each person; and
  - 1.3.2 An Applicant Background Information Questionnaire pursuant to 7 Del. C., Chapter 79 if the person receiving the permit has not been issued any permits by the Department in the previous five (5) years.
- 1.4 The owner or operator shall not initiate construction, install, or alter any equipment or facility or air contaminant control device which will emit or prevent the emission of an air contaminant prior to submitting an application to the Department pursuant to 7 DE Admin. Code 1102, and, when applicable, 7 DE Admin. Code 1125, and receiving approval of such application from the Department; except as exempted in 7 DE Admin. Code 1102 Section 2.2. [Reference 7 DE Admin. Code 1102 Section 2.1 dated 6/1/97]

**2. Emission Limitations**

- 2.1 The Resource Recovery Plant, including thermal oxidizers EU 84 and 85 and scrubbers EU 80, 81, 82, and 83, shall not exceed the following: **(These conditions will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130, Section 6.1.1 dated 12/11/00]



Permits: APC-2011/0080-0081-OPERATION (Amendment 3)(FE)

Permits: APC-2011/0082-0085-OPERATION (Amendment 4)(FE)

Mountaire Farms of Delaware, Inc.- Millsboro

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- 2.1.1 Hydrogen Sulfide (H<sub>2</sub>S) Emissions  
H<sub>2</sub>S emissions shall not exceed 0.004 tons in any rolling twelve (12) month period.
- 2.1.2 Ammonia (NH<sub>3</sub>) Emissions  
NH<sub>3</sub> emissions shall not exceed 0.121 pound per ton of raw materials and 19.3 tons in any rolling twelve (12) month period.
- 2.1.3 Sulfur Dioxide (SO<sub>2</sub>) Emissions  
SO<sub>2</sub> emissions shall not exceed 0.318 pound per ton of raw materials and 49.3 tons in any rolling twelve (12) month period.
- 2.1.4 Nitrogen Oxide (NO<sub>x</sub>) Emissions  
NO<sub>x</sub> emissions shall not exceed 0.0876 pound per ton of raw materials and 13.6 tons in any rolling twelve (12) month period.
- 2.1.5 Carbon Monoxide (CO) Emissions  
CO emissions shall not exceed 0.0737 pound per ton of raw materials and 11.4 tons in any rolling twelve (12) month period.
- 2.1.6 Volatile Organic Compound (VOC) Emissions (measured as THC)  
VOC emissions (as THC) shall not exceed 0.00465 pound per ton of raw materials and 4.58 tons in any rolling twelve (12) month period.
- 2.1.8 Particulate Matter (PM) Emissions
  - 2.1.8.1 PM emissions shall not exceed 0.00963 pound per ton of raw materials and 4.94 tons in any rolling twelve (12) month period.
  - 2.1.8.2 For EU 84 and 85 (thermal oxidizers), the Company shall not cause or allow the emission of particulate matter in excess of 0.3 lb/MMBTU heat input, maximum two (2) hour average. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1104, Section 2.0 dated 2/1/81]
  - 2.1.8.3 Particulate emissions shall not exceed 0.2 grains of particulate matter per standard cubic foot of exhaust air from thermal oxidizers EU 84 and 85 and scrubbers EU 80, 81, 82, and 83. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1105 Section 2.0 dated 2/1/81]
- 2.2 No person shall cause or allow the emission of visible air contaminants and/or smoke from a stationary or mobile source, the shade or appearance of which is greater than twenty percent (20%) opacity for an aggregate of more than three (3) minutes in any one (1) hour or more than fifteen (15) minutes in any twenty-four (24) hour period. **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1114 Section 2.1 dated 7/17/84]
- 2.3 Odors from this source shall not be detectable beyond the plant property line in sufficient quantities such as to cause a condition of air pollution. **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1119 Section 2.0 dated 2/1/81]

**3. Operational Limitations**

- 3.1 Fan amperage for each of the scrubbers EU 80 (Scrubber 610), EU 81 (Scrubber 620), and EU 82 (Scrubber 630) shall not fall below 150 amps. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130, Section 6.1.1 dated 12/11/00]
- 3.2 Fan amperage for scrubber EU 83 (Scrubber 640) shall not fall below 60 amps. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130, Section 6.1.1 dated 12/11/00]
- 3.3 The ORP for the scrubbing solution for scrubbers EU 80, EU 81, EU 82, and EU 83 shall not exceed 705 nor fall below 475. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130, Section 6.1.1 dated 12/11/00]
- 3.4 The temperature in the combustion chamber of thermal oxidizers EU 84 and EU 85 shall be at least 800°C (1472°F). **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130, Section 6.1.1 dated 12/11/00]
- 3.5 The thermal oxidizers EU 84 and EU 85 shall be fired by natural gas only. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130, Section 6.1.1 dated 12/11/00]
- 3.6 Raw material usage shall not exceed 588 tons per week blood, 1,176 tons per week feathers, and 4,200 tons per week offal and carcasses. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130, Section 6.1.1 dated 12/11/00]
- 3.7 Production for each thermal oxidizer EU 84 and EU 85 shall be limited to 310,128 tons in any rolling twelve month period. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130, Section 6.1.1 dated 12/11/00]
- 3.8 Production for both thermal oxidizers EU 84 and EU 85 shall be limited to 310,128 tons in any rolling twelve month period. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130, Section 6.1.1 dated 12/11/00]
- 3.9 No person shall cause or allow visible particulate emissions of any material being transported by a motor vehicle. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1106, Section 4.0 dated 2/1/81]
- 3.10 No person shall cause or allow stockpiling or other storage of material or transport to or from a storage facility in such a manner as may cause a condition of air pollution. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1106, Section 6.0 dated 2/1/81]
- 3.11 At all times, including periods of startup, shutdown, and malfunction, the owner or operator shall, to the extent practicable, maintain and operate the facility, including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determinations of whether acceptable operating procedures are being used will be based on information available to the Department, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1101 Section 3 dated 2/1/81 and 7 DE Admin. Code 1102 Section 11.6 dated 6/1/97]
- 3.12 All structural and mechanical components of the equipment covered by this permit and in use shall be maintained in proper operating condition. **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1101 Section 3 dated 2/1/81 and 7 DE Admin. Code 1102 Section 11.6 dated 6/1/97]



**4. Testing and Monitoring Requirements**

- 4.1 The Department reserves the right to require that the owner or operator perform emission tests using methods approved in advance by the Department. **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1117 Section 2.2 dated 7/17/84]
- 4.2 For thermal oxidizers EU 84 and EU 85 and scrubbers EU 80, EU 81, EU 82, and EU 83: The Company shall monitor the presence or absence of visible emissions during thermal oxidizer/scrubber start-up and operation, when the facility is operating during daylight hours and record observations in a log using the following procedure: **(These conditions will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.1.3.1.2 and 6.2.1 dated 12/11/00]
- 4.2.1 "Survey of emission point for the presence or absence of visible emissions" shall be defined as a minimum period of five (5) consecutive minutes.
- 4.2.2 The detection of the presence or absence of visible emissions shall be in accordance with the procedures of EPA Reference Method 22 (40 CFR 60, Appendix A) paragraphs 4 and 5 which follow.
- 4.2.3 This procedure does not require that the opacity of the emissions be determined. Since this procedure requires only the determination of whether visible emissions occur and does not require the determination of opacity levels, observer certification according to the procedures of EPA Reference Method 9 (40 CFR 60, Appendix A) is not required. However, it is necessary that the observer is educated on the general procedures for determining the presence of visible emissions. At a minimum, the observer must be trained and knowledgeable regarding the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind, and the presence of uncombined water (condensing water vapor).
- 4.2.4 If visible emissions are observed for three (3) consecutive minutes, the visible emission survey shall be stopped and corrective action shall be taken. After the corrective action has been completed, the visible emissions survey shall be resumed.
- 4.2.5 If visible emissions are observed again, an EPA Reference Method 9 visible emissions observation shall be conducted. If visible emissions exceed those limits identified in 7 DE Admin. Code 1114, the thermal oxidizer/scrubber shall be taken off-line and corrective action shall be taken. If visible emissions do not exceed those limits identified in 7 DE Admin. Code 1114, but are still present and not part of normal operations, the survey for the presence or absence of visible emissions and further corrective action shall continue until the problem is corrected or the emission unit is taken off-line.
- 4.3 The fan amperage for scrubbers EU 80, EU 81, EU 82, and EU 83 shall be monitored twice each day. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.1.3.1 dated 12/11/00]
- 4.4 The ORP of the scrubbing solution for EU 80, EU 81, EU 82, and EU 83 shall be monitored continuously. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.1.3.1 dated 12/11/00]

- 4.5 The temperature in the combustion chamber of thermal oxidizers EU 84 and EU 85 shall be monitored continuously. **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.1.3.1 dated 12/11/00]
- 4.6 The owner or operator shall conduct a daily odor survey at the perimeter of the facility on days the Resource Recovery Plant is operational according to the following procedure: **(This condition will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.1.3.1 dated 12/11/00]
- 4.6.1 The daily surveys shall be conducted five days a week (Monday- Friday).
- 4.6.2 The Company shall include off-day monitoring if there are any verified odor complaints on any off-day in any subsequent quarter.
- 4.6.3 If an odor sufficient to cause or create a condition of air pollution is detected, the Company shall take action until an odor survey results in no detection of an odor from the Resource Recovery Plant.
- 4.6.4 The survey shall be conducted on a weekly basis if no odors from the Resource Recovery Plant are detected in any consecutive seven days.

## **5. Record Keeping Requirements**

- 5.1 The Company shall maintain, at a minimum, all of the information required by this permit for a minimum of five (5) years from such information's date of record. **(This condition was modified from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.1.3.2.2 dated 12/11/00]
- 5.2 Records of all test data shall be maintained. This data includes, but may not be limited to:
- 5.2.1 The date, place and time of sampling measurements;
- 5.2.2 The date(s) analyses were performed;
- 5.2.3 The Company or entity that performed the analyses;
- 5.2.4 The analytical techniques or methods used;
- 5.2.5 The results of such analyses; and
- 5.2.6 The operating conditions existing at the time of sampling or measurement.  
[Reference 7 DE Admin. Code 1130 Section 6.1.3.2 dated 12/11/00]
- 5.3 The Company shall record the following in an initialed logbook daily: **(These conditions will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.1.3.2 dated 12/11/00]
- 5.3.1 The fan amperage recorded twice each day for scrubbers EU 80, EU 81, EU 82, and EU 83.
- 5.3.2 The type of fuel combusted in the thermal oxidizers EU 84 and EU 85.
- 5.3.3 Hours of resource recovery operation.
- 5.3.4 Methods of compliance with Conditions 3.11 and 3.12.
-



**Permits: APC-2011/0080-0081-OPERATION (Amendment 3)(FE)**

**Permits: APC-2011/0082-0085-OPERATION (Amendment 4)(FE)**

**Mountaire Farms of Delaware, Inc.- Millsboro**

**Resource Recovery Plant**

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- 5.4 The Company shall record the following in an initialed logbook weekly: **(These conditions will be transferred to Permit: AQM-005/00004(R2)) [Reference 7 DE Admin. Code 1130 Section 6.1.3.2 dated 12/11/00]**
- 5.4.1 Tons of raw blood processed.
  - 5.4.2 Tons of feathers processed.
  - 5.4.3 Tons of offal and carcasses processed.
- 5.5 The Company shall record the following for each month: **(These conditions will be transferred to Permit: AQM-005/00004(R2)) [Reference 7 DE Admin. Code 1130 Section 6.1.3.2 dated 12/11/00]**
- 5.5.1 Production for the twelve (12) month period immediately preceding the date of record in TPY for each thermal oxidizer EU 84 and EU 85.
  - 5.5.2 The total production for the twelve (12) month period immediately preceding the date of record in TPY for both thermal oxidizers EU 84 and EU 85.
  - 5.5.3 Statements of compliance showing calculations for the emission factors for NH<sub>3</sub>, SO<sub>2</sub>, NO<sub>x</sub>, CO, VOC (measured as THC), and PM in lb/ton raw material processed.
- 5.6 The Company shall maintain records of the following: **(These conditions will be transferred to Permit: AQM-005/00004(R2)) [Reference 7 DE Admin. Code 1130 Section 6.1.3.2 dated 12/11/00]**
- 5.6.1 All routine and non-routine maintenance.
  - 5.6.2 ORP of the scrubbing solution for EU 80, EU 81, EU 82, and EU 83.
  - 5.6.3 The temperature in the combustion chamber of thermal oxidizers EU 84 and EU 85.
  - 5.6.4 Calculations to show compliance with Conditions 2.1.8.2 and 2.1.8.3.
  - 5.6.5 The odor survey log shall be initialed for each day the survey is conducted and includes the following:
    - 5.6.5.1 Presence or absence of odor.
    - 5.6.5.2 Wind direction.
    - 5.6.5.3 Location monitored.
    - 5.6.5.4 Actions taken in response to odors detected.
- 5.7 The rolling twelve (12) month total emissions shall be calculated and recorded each month in a log for each of the following pollutants. **(These conditions will be transferred to Permit: AQM-005/00004(R2)) [Reference 7 DE Admin. Code 1130 Section 6.1.3.2 dated 12/11/00]**
- 5.7.1 Hydrogen Sulfide (H<sub>2</sub>S)
  - 5.7.2 Ammonia (NH<sub>3</sub>)
  - 5.7.3 Sulfur Dioxide (SO<sub>2</sub>)

- 5.7.4 Nitrogen Oxide (NOx)
- 5.7.5 Carbon Monoxide (CO)
- 5.7.6 Volatile Organic Compound (VOC) (as THC)
- 5.7.7 Particulate Matter (PM)

## **6. Reporting Requirements**

- 6.1 Emission in excess of any permit condition or emissions which create a condition of air pollution shall be reported to the Department:
  - 6.1.1 Immediately upon discovery and after activating the appropriate site emergency plan to the Department's 24-hour complaint line (1-800-662-8802) any deviation that poses an imminent and substantial danger to public health, safety, or the environment. **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 *DE Admin. Code 1130 Section 6.1.3.3.3.2 dated 12/11/00*]
  - 6.1.2 Immediately upon discovery by calling the Environmental Emergency Notification and Compliant number, (800) 662-8802. (State Enforceable Only) **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 *DE Admin. Code 1130 Section 6.1.3.3.3.3 dated 12/11/00*]
- 6.2 Discharges to the atmosphere in excess of any quantity specified 7 **DE Admin. Code 1203 "Reporting of a Discharge of a Pollutant or an Air Contaminant"** shall be reported, immediately upon discovery and after activating the appropriate site emergency plan, either in person or to the Department's 24-hour complaint line (1-800-662-8802). Discharges in compliance with this permit and excess emissions previously reported under Condition 6.1 of this permit are exempt from this reporting requirement. **(This condition was modified from Permit: AQM-005/00004(R2))** [Reference 7 *DE Admin. Code 1130 Section 6.1.3.3.3.5 dated 12/11/00 and 7 Del. C. Chapter 60, Section 6028*]
- 6.3 In addition to complying with Condition 6.1 and 6.2 of this permit, any reporting required by 7 **DE Admin. Code 1203 "Reporting of a Discharge of a Pollutant or an Air Contaminant"** and any other reporting requirements mandated by the State of Delaware, the owner or operator shall for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department in writing with the following information:
  - 6.3.1 The name and location of the facility;
  - 6.3.2 The subject source(s) that caused the excess emissions;
  - 6.3.3 The time and date of first observation of the excess emissions;
  - 6.3.4 The cause and expected duration of the excess emissions;
  - 6.3.5 For sources subject to numerical emission limitations, the estimated rate of emissions (expressed in the units of the applicable emission limitation) and the operating data and calculations used in determining the magnitude of the excess emissions; and



- 6.3.6 The proposed corrective actions and schedule to correct the conditions causing the excess emissions. **(This condition was modified from and will be transferred to Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1112 Section 7.3 paragraphs 1, 2, 3, 4, and 5 dated 11/24/93]
- 6.4 Each document submitted to the Department/EPA pursuant to this permit shall be certified by a Responsible Official as to truth, accuracy, and completeness. Such certification shall be signed by a Responsible Official and shall contain the language: "I certify, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete." **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 5.6 dated 11/15/93 and 6.3.1 dated 12/11/00]
- 6.5 Each document submitted to the Department/EPA pursuant to this permit shall be sent to the following addresses: **(This condition was taken from Permit: AQM-005/00004(R2))**

State of Delaware – DNREC Division of Air Quality Blue Hen Corporate Center 655 S. Bay Road, Suite 5 N Dover, DE 19901 ATTN: Division Director	United States Environmental Protection Agency Associate Director of Enforcement (3AP10) 1650 Arch Street Philadelphia, PA 19103
No. of Originals: <u>1</u> & No. of Copies: <u>1</u>	No. of Copies: <u>1</u>

## 7. Compliance Certification

- 7.1 Compliance with the terms and conditions of this permit shall be certified to the Department not later than the first day of February of each year unless the terms and conditions require Compliance Certifications to be submitted more frequently. Such certifications shall cover the previous calendar year and shall be submitted on Form AQM-1001BB. The Compliance Certification shall include the following information: **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.3.5.3.1 dated 12/11/00]
- 7.1.1 The identification of each term or condition of the permit that is the basis of the certification. **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.3.5.3.1 dated 12/11/00]
- 7.1.2 The Company's current compliance status, as shown by monitoring data and other information reasonably available to the Company. **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.3.5.3.2 dated 12/11/00]
- 7.1.3 Such certification shall indicate whether compliance was continuous or intermittent during the covered period. **(This condition was taken from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.3.5.3.3 dated 12/11/00]
- 7.1.4 The method(s) used for determining the compliance status of the Company, currently and over the reporting period as required by the monitoring, record keeping, and reporting required under Conditions 4, 5, and 6. **(This condition was modified from Permit: AQM-005/00004(R2))** [Reference 7 DE Admin. Code 1130 Section 6.3.5.3.4 dated 12/11/00]



Permits: APC-2011/0080-0081-OPERATION (Amendment 3)(FE)  
Permits: APC-2011/0082-0085-OPERATION (Amendment 4)(FE)  
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- 7.1.5 Such other facts that the Department may require to determine the compliance status of the source. (This condition was taken from Permit: AQM-005/00004(R2)) [Reference 7 DE Admin. Code 1130 Section 6.3.5.3.5 dated 12/11/00]
- 7.2 Each compliance certification shall be submitted to the Department and EPA and shall be certified in accordance with Condition 6.4 of this permit. (This condition was modified from Permit: AQM-005/00004(R2)) [Reference 7 DE Admin. Code 1130 Section 6.3.5.4 dated 12/11/00]
- 7.3 Any additional information possessed by the Company that demonstrates noncompliance with any applicable requirement must also be used as the basis for Compliance Certifications. (This condition was taken from Permit: AQM-005/00004(R2)) [Reference 62 FR 8314 dated 2/24/97]

**8. Administrative Conditions**

- 8.1 This permit supersedes Permits: APC-2011/0080-OPERATION (Amendment 2)(FE), APC-2011/0081-OPERATION (Amendment 2)(FE), APC-2011/0082-OPERATION (Amendment 3)(FE), APC-2011/0083-OPERATION (Amendment 3)(FE), APC-2011/0084-OPERATION (Amendment 3)(FE), and APC-2011/0085-OPERATION (Amendment 3)(FE) dated April 5, 2012.
- 8.2 The Company shall have available at the facility at all times a copy of this permit and shall provide a copy of this permit to the Department upon request. (This condition was taken from Permit: AQM-005/00004(R2)) [Reference 7 DE Admin. Code 1102 Section 8.1 dated 6/1/97]
- 8.3 Failure to comply with the provisions of this permit may be grounds for suspension or revocation. [Reference 7 DE Admin. Code 1102 Section 6 dated 6/1/97]

Sincerely,



Paul E. Foster, P.E.  
Program Manager  
Engineering & Compliance Branch

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pc: Dover File  
Melanie Smith